

1       **51681/FLC/S673**

ABSTRACT OF THE DISCLOSURE

5       A searchable archiving system. A searchable archiving  
system includes one or more compacted files of archive data  
loosely coupled to a search process. To create a compacted  
file, an archiving process tokenizes the archive data,  
optimizes the tokenized archive data, and extracts archive  
10       metadata from the tokenized data. The tokenized data may then  
be compressed in a variety of ways into compressed segments  
that may be individually accessed and decompressed by the  
search agents. Before compression, segment metadata is  
extracted from the segments. The compressed segments and  
segment metadata are then combined to create a compacted file.  
15       The search process accesses the compacted files by consulting  
locally stored archive metadata extracted from the files  
during the compaction process. The search process then  
invokes one or more search agents that actively search the  
compacted files. The search agents do so by using the segment  
20       metadata to identify segments to decompress and search.

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